

Receiving Report

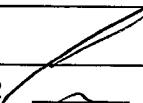
Date: 12/8/27Batch No: M122217Supplier: Tyco ElectronicsDart P/O: 17047

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No N/A
 Shipment Complete: Yes No N/A
 QC6 Inspection OK 12/8/27 N/A
 Work Order OK 12/8/27 N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>M3U231000X3000 23</u>		<u>116</u>	<u>0</u>	<u>11</u>		

Initials of receiver (if shipment OK) Level 12 

Production/Admin:

Date

Received/Costing

Initial

12/8/27Location 

Purchase Order Receipt Listing

Wednesday, June 27, 2012 11:22:49 AM

All Vendors PO ID PO17247 Receipt Dates from 6/27/2012 to 6/27/2012 All Line Item Types
 All Item ID/GL/WOs All Rec. Employees All Currencies
 Grouped by Vendor ID

Purchase Order ID/ Order ID/ Curr Type	Line Nbr/ Insp Type	Project ID Req	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspacted Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt	
VendorID	Vendor Name											
PO17247	1 CAD	VC-COP001	Thyssenkrupp Materials CA Ltd									
	No		M303B1.000X03.000 f	f	23.0000	DESJ02	11.6000	\$48.74	0.0000	0	\$565.33	
			303 BAR 1" X 3"	f			\$565.33	0.0000	0			
			122217									
	2 No		M303B0.750X1.500 f	f	6/27/2012	6/27/2012	24.0000	DESJ02	24.0000	0.0000	\$475.61	
			303 BAR .750" X 1.500"	f			24.0000	DESJ02	24.0000	0.0000		
			122217									
	3 No		M303B1.000X1.000 f	f	6/27/2012	6/27/2012	24.0000	DESJ02	27.5000	\$12.68	0.0000	
			303 BAR 1" X 1"	f			24.0000	DESJ02	348.77	0.0000	0	
			122217									
	4 No		M304B0.750X2.500 f	f	6/27/2012	6/27/2012	24.0000	DESJ02	26.5000	\$23.72	0.0000	
			304 BAR .750 X 2.50 f	f			24.0000	DESJ02	628.49	0.0000	0	
			122217									

Total Received Quantity: 89.6000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$2,018.21
 Total Balance Due Quantity: 11.4000

B I L L O F L A D I N G

No: PEC 773607

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 25Jun12 at 12:06 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0-0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-463673-1 Your PO # 17247
 STAINLESS STEEL FLAT BAR 303CD
 .750" X 1.50" X 144.0000"

Heat Number Tag No
 A11732 79732

Quantity 24' 10" PCS 2 Wt LBS 95
 24 FT

MTR

2) Our Order PEC-463673-2 Your PO # 17247
 STAINLESS STEEL SQ BAR 303 STAINLESS
 1.00" X 165.0000"

Heat Number Tag No
 A12008 79733

Quantity 27' 6.0000" PCS 2 Wt LBS 94

MTR

3) Our Order PEC-463673-3 Your PO # 17247
 STAINLESS STEEL FLAT BAR 304-L HRAP
 .750" X 2.50" X 156.2500"

Heat Number Tag No
 252919 79734

Quantity 26' .5000" PCS 2 Wt LBS 166

MTR

4) Our Order PEC-463673-4 Your PO # 17247
 STAINLESS STEEL FLAT BAR 303CD
 1.00" X 3.00" X 138.0000"

Heat Number Tag No
 A11817 79735

Quantity 11' 6.0000" PCS 1 Wt LBS 125

MTR

Tags TOTAL: 4 PCS 7 LBS 480

Heat Number *** Chemical Analysis ***
 A11817

Pec 17247

Page: 1Continued

(A)

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
 RAPPORTÉES IMMÉDIATEMENT
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANTISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

JUN 27 2012

DATE

B I L L O F L A D I N G

No: PEC 773607

Ship Date 25Jun12 at 12:06 From PFW

Probill

Via VIM TRANSFER

FOB CONCORD

Frt PREPAID

Route 0- 0 Manifest

Vhcle Trailer

Slp STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

Ship From:
THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

TOTAL (1-4) 4 BDLS GW. 486 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

JUN 27 2012

DATE



575 STATE FAIR BLVD.
SOLVAY, NY 13209

Certificate of Test

U

S O COPPER & BRASS SALES INC
L 22355 WEST ELEVEN MILE ROAD
D SOUTHFIELD, MI 48034

S H COPPER & BRASS SALES
I 8001 THYSSENKRUPP PARKWAY
P NORTHWOOD, OH 43619

OUR ORDER NO.
P5-22725-1-01

T O
CUSTOMER ORDER NO
5400109941-R02

T O

DISTRICT
L HINMAN

DATE
11/02/11

SHIPPED FROM
SYRACUSE

DESCRIPTION OF MATERIAL

CRU 303 CDA
1.500 X .750 FLAT
ASTM-A582-05 AMS-5640U TYPE 2 ASTM-A484-11 ASTM-A320-11

SIZE**HEAT NO.****CHEMICAL ANALYSIS**

A11732	C	MN	P	S	SI	NI	CR	MO	CU
	.054	1.65	.033	.190	.60	9.17	17.41	.38	.59

QUANTITY HEAT NO.**MECHANICAL PROPERTIES**

1531 # A11732	TENSILE PSI 91,680	YLD. 2% PSI 62,980	%ELONG4D 49.2	RED/AREA%	HARDNESS 65.0 BHN 204/206
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MATERIAL ANNEALED AT 1950 DEG. F. - WATER QUENCHED.
ELECTRIC FURNACE AOD MELTED

cmk
12/06/28

THANK YOU FOR SELECTING A QUALITY PRODUCT MELTED AND MANUFACTURED WITH PRIDE AT CRUCIBLE INDUSTRIES LLC LOCATED IN SOLVAY, NY 13209, USA. WE PROVIDE MATERIAL THAT IS FREE FROM MERCURY CONTAMINATION AND RADIATION AT THE TIME OF SHIPMENT. NO WELD REPAIR IS DONE. CRUCIBLE INDUSTRIES LLC HOLDS A CERTIFICATE OF REGISTRATION TO ISO 9001:2008, PRESSURE EQUIPMENT DIRECTIVE (PED) 97/23/EC 7/2 ANNEX 1, PARAGRAPH 4.3 AND WORKS UNDER THE GUIDELINES OF NCA 3800 USING QP MANUAL DATED 3/10/11. WE ARE COMPLIANT WITH EU DIRECTIVE 2002/95/EC (ROHS), REACH, EN 10204 2004 3.1, AND DFARS 252-225.7014 ALT1& 225.7001, 7002 - 3 (b) (1) MATERIAL IS OF NAFTA ORIGIN. MATERIAL TESTING IS PERFORMED ON A PROLONGATION OF THE BAR, IN COMPLIANCE WITH INDUSTRY STANDARDS ASTM A370,E8,E10, E18,E23,E45,E112,E381,E604,E572,E1019,ANDE1086. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES, INCLUDING FEDERAL LAW, TITLE 18, CHAPTER47.PRODUCTS, TECHNICAL DATA, TECHNOLOGY, AND SERVICES OF CRUCIBLE INDUSTRIES LLC ARE SUBJECT TO U.S. EXPORT CONTROLS UNDER THE APPLICABLE LAWS AND REGULATIONS OF THE UNITED STATES.

THE ABOVE MATERIAL WAS MANUFACTURED AND TESTED ACCORDING TO ABOVE SPECIFICATIONS AND IS IN CONFORMANCE WITH THE SPECIFICATION REQUIREMENTS.

CRUCIBLE INDUSTRIES LLC

CERTIFIED BY

William P. Mastroe

Page 1 of 1
From: Copper and Brass Sales

WILLIAM MASTROE - MANAGER QUALITY CONTROL & LABS

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2401923078

Part:

Wgt: 95.000 LB

PO: PEC - 240085

Date: 06/20/2012

James K. Baber



575 STATE FAIR BLVD.
SOLVAY, NY 13209

Certificate of Test

Cert Date: 06/15/12

S O COPPER & BRASS SALES INC
L 22355 WEST ELEVEN MILE ROAD
D SOUTHFIELD, MI 48034
T O

S H COPPER & BRASS SALES
I 8001 THYSSENKRUPP PARKWAY
P NORTHWOOD, OH 43619
T O

CIL ORDER NO.
P5-26424-2-01
HEAT NO.
A12008

CIL INSIDE SALES REP.
L HINMAN

SHIPPED FROM
SOLVAY, NY USA

CUSTOMER P.O.
5400134219-R02

CUSTOMER PART NO.
SSSQ00047

QUANTITY SHIPPED 1472 LBS.

CRU 303 CDA
AMS-5640-U ASTM-A582-5

DESCRIPTION OF MATERIAL

SIZE

1.000 SCSQ

CHEMICAL ANALYSIS

C	MN	P	S	SI	NI	CR	MO	CU
.048	1.74	.041	.200	.53	9.30	17.52	.41	.40

AS SHIPPED PROPERTIES

HARDNESS
BHN 205/208

AS SHIPPED MATERIAL CONDITION

MATERIAL ANNEALED AT 1950 DEG. F. - WATER QUENCHED.

ADDITIONAL MATERIAL STATEMENTS

ELECTRIC FURNACE AOD MELTED

cmf
12/06/28

THANK YOU FOR SELECTING A QUALITY PRODUCT MELTED AND MANUFACTURED WITH PRIDE AT CRUCIBLE INDUSTRIES LLC LOCATED IN SOLVAY, NY 13209, USA. WE PROVIDE MATERIAL THAT IS FREE FROM MERCURY CONTAMINATION AND RADIATION AT THE TIME OF SHIPMENT. NO WELD REPAIR IS DONE. CRUCIBLE INDUSTRIES LLC HOLDS A CERTIFICATE OF REGISTRATION TO ISO 9001:2008, PRESSURE EQUIPMENT DIRECTIVE (PED) 97/23/EC 7/2 ANNEX 1, PARAGRAPH 4.3 AND WORKS UNDER THE GUIDELINES OF NCA 3800 USING QP MANUAL DATED 3/10/11. WE ARE COMPLIANT WITH EU DIRECTIVE 2002/95/EC (ROHS), REACH, EN 10204 2004 3.1, AND DFARS 252.225.7001,7002,7008,7009. MATERIAL IS OF NAFTA ORIGIN. MATERIAL TESTING IS PERFORMED ON A PROLONGATION OF THE BAR, IN COMPLIANCE WITH INDUSTRY STANDARDS ASTM A370, E8, E10, E18, E23, E45, E112, E381, E604, E572, E1019, AND E1086. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES, INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47. PRODUCTS, TECHNICAL DATA, TECHNOLOGY, AND SERVICES OF CRUCIBLE INDUSTRIES LLC ARE SUBJECT TO U.S. EXPORT CONTROLS UNDER THE APPLICABLE LAWS AND REGULATIONS OF THE UNITED STATES.

THE ABOVE MATERIAL WAS MANUFACTURED AND TESTED ACCORDING WITH ABOVE SPECIFICATIONS AND IS IN CONFORMANCE WITH THE SPECIFICATION REQUIREMENTS.

CRUCIBLE INDUSTRIES LLC

CERTIFIED BY

William P. Mastor

WILLIAM MASTROE - MANAGER QUALITY CONTROL & LABS

Page 1 of 1
From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2401923077

Part:

PO: PEC - 240085

Wgt: 94.000 LB

Date: 06/21/2012

James K. Baber

Acciaierie Valbruna s.p.a.



36100 VICENZA (Italia) - Viale della scienza, 25 z.l.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Buyer/Purchase/Cient

VALBRUNA STAINLESS INC.

2400 TAYLOR STREET WEST

46801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.

Hersteller/Item/Usine produtrice

Oggetto Prove: Descaled Annealed Hotrolled
Prüfgegenstand/Item Inspected/Fixaggio

Specifiche:

Anforderungen / Requirements / Exigences

VSI 0 304/304L A

AMS-QQ-S-763 B 304/304L A

ASME SA276 2010 S30400/03 A (2)

ASTM A182 2010 S30400/03 A (5)

ASTM A276 2010 S30400/03 A

ASTM A370 2010 .

MIL-S-862 B/1 304/304L

(0) SEC.II PT.A 2010 EDITION

(1) SEC.II PT.A 2010 EDITION

(3) SEC.II PT.A 2010 EDITION

(5) For products machined directly from bar refer to ASTM A479.

(7) * ISO 15156-3

Aviso di Spedizione: D-VI11005397
Lieferanzeige/Packing list/B.L.

Ordine nr: 29499 STOCK CAROL STR
Bestell-Nr/Your order/Commande

Tipo di Elaborazione: E+AOD
Enthärtungsart/Melting process/Mode d'élaboration

Certificato nr: MEST016033/2011/
Prüfung/Test/Essai

Conferma ordine nr: EI11001501
Werks/Our Order/Ref.nr.

Marchio di Fabbrika:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine producice



Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Pointon de l'assayeur

Qualità: 304/304L

Werks/Grade/Nuance

Marca: AISL

Markenbezeichnung/Brand/Nuance

Punzonatura: 304/304L
Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. Nr. de pos.	Oggetto Gegenstand Produit description Descrip. du produit	Dimensioni - In Abmessungen Dimensions Dimensions	Tolleranza Toleranz Allowance Tolerance	Lunghezza - In Länge Length Longueur	Colata Schmelze Hast Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Loesn. Lot nr. Lot nr.
0220	Flat	2,5000 x 0,7500	484-09	150 / 159	252919		6.032	126400580

TEST ALLO STATO DI FORNITURA
Test on delivery condition Prüfung auf lieferberetum produkt test a l'état de fourniture Prueba sobre el material así como entregado

TEST	Provettina/probestück Stückchen/Gemütsstück Läng-durch Spalt Breite Diam. Dicke Width thickness Läng. diam. spalt mm	°F Postz. Siegeln Temperatur Umgebung Umgebung 1)	Svernamento Spannung Vergleich Unter Spannung Unter Spannung Rp 0,2% k.s.i.	Svernamento Spannung Vergleich Unter Spannung Unter Spannung Rm k.s.i.	Resistenza Zugfestigkeit Tensile Strength Resistance à traction Rm k.s.i.	Allungamento Elasticità Elongation Elongation E 4d %	Strizione Erschöpfung Reduction of area Strich RA %	Resilienza Kontinuität Impact Value Resilience HB	Durezza Härte Härte Dureza HB		
	Valori richiesti 1 Anforderungen Required values Valores demandados	min max	30	-	75 115	-	40	-	50	-	140 235
A	12,5	68 L	46		91		56		65		182

TEST		min	max	
A	Grain size for ASTM E112			6

*L=longitudinal/ längs, T=transversale/quer, Q=Tangenziale/horizontal

Mechanical properties according to ASTM A370.

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Hast Schmelze/Coulée	min - max 0,030	1,00	2,00	18,00 20,00	-1,00	-1,00	8,00 10,50	-	0,040	0,020 0,030	-0,100	-	-	-	-	
252919	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %					
	0,019	0,41	1,64	18,27	0,38	0,56	8,12	0,110	0,031	0,023	0,088					

Produced without class I-II Ozone depleting substances.

Solution heat treated free from continuous carbide network.

Annealing temperature: 1940°F for 1 h/water.

Micro and macro etch test: OK

Intergranular corrosion test per ASTM A262 pract. E: ok.

Material is DFARS Compliant

Vicenza,17/02/11 VC008 (Mod. MCER)	Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine <i>M.Rizzoli</i>	Pagina - 1 di 2
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From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2401923074

Part: PEC - 240085

Wgt: 166.000 LB

Date: 06/21/2012

James E. Baber

54-101017

3

Acciaierie Valbruna s.p.A.



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Cliant

VALBRUNA STAINLESS INC.

2400 TAYLOR STREET WEST

46801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.

Hersteller/Item/Usine produtrice

Oggetto Prove: Descaled Annealed Hotrolled
Prüfgegenstand/Item Inspected/Finisage

Sono state soddisfatte tutte le condizioni richieste
Die gesetzten Anforderungen sind erfüllt.
The material has been furnished in accordance with the requirements

Le matériels a été trouvé conforme aux exigences

Melted and manufactured in Italy No welding or weld repair

Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1,a.,4.3 by TUEV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2005), 3.1

Avviso di Spedizione: D-VI11005397
Lieferanzeige/Packing list/B.L.

Certificato nr: MEST016033/2011/
Prüfung/Test/Essai

Ordine nr: 29499 STOCK CAROL STR
Bestell/Vour order/Commande

Conferma ordine nr: EI11001501
Warts/Our Order/Ref nr.

Tipo di Elaborazione: E+AOD
Erhitzungsgegen/Melting process/Mode d' élaboration

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Signe de l' usine producice

Punzone del Collaudatore:
Stampel des Werkssachverständigen
Inspector's stamp/Point de l' assayeur



Controllo antimescolanza: OK
Ver verschlungsprüfung: spektroanalytisch durchgeführt
Anti-brittle testing performed: OK
Contrôle antiendurance fait: T.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beeinträchtigung
Visual inspection and dimensional checks:satisfactory
Contrôle visual et dimensions: satisfaisant

Vicenza, 17/02/11
VC0008
(Mod. MCER)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L' agent d' usine

M.Rizzotto

Pagina - 2 di 2

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2401923074

Part: PO: PEC - 240085

Wgt: 166.000 LB Date: 06/21/2012

James E. Baber



575 STATE FAIR BLVD.
SOLVAY, NY 13209

Certificate of Test

Cert Date: 03/13/12

4

S O COPPER & BRASS SALES INC
L 22355 WEST ELEVEN MILE ROAD
D SOUTHFIELD, MI 48034

S H COPPER & BRASS SALES
I 8001 THYSSENKRUPP PARKWAY
P NORTHWOOD, OH 43619

CIL ORDER NO.
P5-24777-1-01

T O CIL INSIDE SALES REP.
L HINMAN

T

O

SHIPPED FROM
SOLVAY, NY USA

CUSTOMER P.O.
5400123224-R02

HEAT NO.
A11817

QUANTITY SHIPPED 1654 LBS.

CUSTOMER PART NO.
SSREC00034

DESCRIPTION OF MATERIAL

CRU 303 CDA
AMS-5640-U ASTM-A320-11 ASTM-A484-11 ASTM-A582-5

CHEMICAL ANALYSIS

C	MN	P	S	SI	NI	CR	MO	CU
.066	1.68	.032	.300	.58	8.92	17.34	.47	.38

AS SHIPPED PROPERTIES

HARDNESS

BHN 198/201

TENSILE PSI 77,770
YLD. 2% PSI 47,500
% ELONG4D 48.4
RED/AREA% 61.5

12/06/28

AS SHIPPED MATERIAL CONDITION

MATERIAL ANNEALED AT 1950 DEG. F. - WATER QUENCHED.

ADDITIONAL MATERIAL STATEMENTS

ELECTRIC FURNACE AOD MELTED

THANK YOU FOR SELECTING A QUALITY PRODUCT MELTED AND MANUFACTURED WITH PRIDE AT CRUCIBLE INDUSTRIES LLC LOCATED IN SOLVAY, NY 13209. USA WE PROVIDE MATERIAL THAT IS FREE FROM MERCURY CONTAMINATION AND RADIATION AT THE TIME OF SHIPMENT. NO WELD REPAIR IS DONE. CRUCIBLE INDUSTRIES LLC HOLDS A CERTIFICATE OF REGISTRATION TO ISO 9001:2008, PRESSURE EQUIPMENT DIRECTIVE (PED) 97/23/EC 7/2 ANNEX 1, PARAGRAPH 4.3 AND WORKS UNDER THE GUIDELINES OF NCA 3800 USING QP MANUAL DATED 3/10/11. WE ARE COMPLIANT WITH EU DIRECTIVE 2002/95/EC (ROHS), REACH, EN 10204 3.1, AND DFARS 252.225.7001,7002,7008,7009 MATERIAL IS OF NAFTA ORIGIN. MATERIAL TESTING IS PERFORMED ON A PROLONGATION OF THE BAR. IN COMPLIANCE WITH INDUSTRY STANDARDS ASTM A370,E8,E10, E18,E23,E45,E112,E381,E604,E572,E1019,AND E1086. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES, INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47. PRODUCTS, TECHNICAL DATA, TECHNOLOGY, AND SERVICES OF CRUCIBLE INDUSTRIES LLC ARE SUBJECT TO U.S. EXPORT CONTROLS UNDER THE APPLICABLE LAWS AND REGULATIONS OF THE UNITED STATES.

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CRUCIBLE INDUSTRIES LLC

CERTIFIED BY

William P. Mastor

WILLIAM MASTROE - MANAGER QUALITY CONTROL & LABS

Page 1 of 1

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2401923524

Part:

Wgt: 125.000 LB

PO: PEC - 240085

Date: 06/21/2012

James K. Baber

PURCHASE ORDER

Purchase Order ID PO17247

Purchase Order Date 6/18/12

PO Print Date 6/20/12

Page Number 1 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 0033

Vendor Account No.

Buyer	Chantal Lavoie
Requisition Nbr	
Tax Resale Nbr	10127-2607
Terms	Net 30
Currency	CAD
FOB	Destination-Conn

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
10/20/00

420

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M303B1.000X03.000 <i>050</i>	303 BAR 1" X 3"	6/27/12 Yes	23.00 f	Yours ppd <i>11.6</i>	\$50.4348	\$1,160.00
		Special Inst: MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE					
2	M303B0.750X1.500 <i>000</i>	303 BAR .750" X 1.500"	6/27/12 Yes	✓ 24.00 f	Yours ppd <i>24.10</i>	\$20.5083	\$492.20
		Special Inst: MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE					
3	M303B1.000X1.000 <i>050</i>	303 BAR 1" X 1"	6/27/12 Yes	24.00 f	Yours ppd <i>24.00</i>	\$13.1250	\$315.00

No substitution or deviation without consent

Certificate of Conformity or Material Certification required - YES NO

Change Nbr: 3

Change Date: 6/20/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17247

Purchase Order Date 6/18/12

PO Print Date 6/20/12

Page Number 2 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

4	M304B0.750X2.500	304 BAR .750 X 2.50	6/27/12	24.00	Yours ppd	\$24.5438	\$589.05
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68

Yes f

26.50

6/27/12

Special Inst: AISI 304/316 SS BAR OR AISI 304/316 SS
PLATE
PER ASTM A276 OR ASTM A240

NOTE:(303 NOT ACCEPTABLE)

PO Total:

\$2,556.25

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - YES NO

Change Nbr: 2

Change Date: 6/20/12